EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3823	catheter same valve and ("guide wire" or "guidewire")	US-PGPUB; USPAT	OR	OFF	2007/10/10 18:12
S2	22	catheter with "hard tip"	US-PGPUB; USPAT	OR	OFF	2006/05/08 08:42
S4	208	("guidewire" or "guide wire") with stop with catheter	US-PGPUB; USPAT	OR	OFF	2006/05/08 17:27
S5	0	("2005/0187536").URPN.	USPAT	OR	OFF	2006/05/08 09:03
S6	5	(("6843797") or ("6524323") or ("6080170") or ("5879361") or ("5779721")).PN.	USPAT; USOCR	OR	OFF	2006/05/08 09:11
S7	1	("4747821").PN.	USPAT; USOCR	OR	OFF	2006/05/08 09:11
S8	11	("4739768" | "5304198" | "5318529" | "5348537" | "5425723" | "5823198" | "5873865" | "5888436" | "5951494" | "6179809" | "6312374").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/08 12:36
S9	1	(("20050038470") or ("6533751")).PN. or ((2006/0015065) or (2005/0267415) or (2005/0251048) or (2005/0113902) or (2005/0059890) or (2005/0033292) or (2005/0010247) or (2005/0288705) or (2004/0039405) or (2003/0125751)).CCLS.	USPAT; USOCR	OR	OFF	2006/05/08 13:04

S10	1	(("20050113902") or ("20050059890") or ("20050038470") or ("20050033292") or ("20050010247") or ("20050288705") or ("20040039405") or ("20030125751") or ("6533751")).PN. or ((2006/0015065) or (2005/0267415) or (2005/0251048)).CCLS.	USPAT; USOCR	OR	OFF	2006/05/08 13:10
S11	14	("20040015138" | "5078702" | "5549580" | "5643209" | "5766160" | "5772669" | "5827225" | "5860963" | "5865800" | "6059770" | "6168570" | "6190393" | "6224610" | "6679903").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/08 13:05
S12	1	(("20060015065") or ("20050267415") or ("20050251048") or ("20050113902") or ("20050059890") or ("20050038470") or ("20050033292") or ("20050010247") or ("20050288705") or ("20040039405") or ("20030125751") or ("6533751")).PN.	USPAT; USOCR	OR	OFF	2006/05/08 13:10
S13	12	(("20060015065") or ("20050267415") or ("20050251048") or ("20050113902") or ("20050059890") or ("20050038470") or ("20050033292") or ("20050010247") or ("20050288705") or ("20040039405") or ("20030125751") or ("6533751")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/08 13:42
S14	1	("6843797").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/08 13:42

S15	51	("4445509" | "4589412" | "4631052" | "4679558" | "4686982" | "4696667" | "4700705" | "4747821" | "4749376" | "4762129" | "4790813" | "4842579" | "4857045" | "4883458" | "4898575" | "4957482" | "5009659" | "5030201" | "5042984" | "5049124" | "5074841" | "5087265" | "5097849" | "5114399" | "5195956" | "5224945" | "5267955" | "5273526" | "5282484" | "5284468" | "5314407" | "5358472" | "5366463" | "5368603" | "5370609" | "5395311" | "5402790" | "5409454" | "5423742" | "5429136" | "5496267" | "5632755" | "5665098" | "5681336" | "5868767" | "5882329" | "5947985" | "5954745" | "6135991" | "6482217" | "6652480").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/08 14:29
S16	3	(("6080170") or ("5879361") or ("5779721")).PN.	USPAT; USOCR	OR	OFF	2006/05/08 15:03
S17	6	(("4747821") or ("4679558") or ("4686982") or ("4749376") or ("5042984") or ("5097849")).PN.	USPAT; USOCR	OR	OFF	2006/05/08 16:50
S18	13	("20040015138" | "5078702" | "5549580" | "5643209" | "5766160" | "5772669" | "5827225" | "5860963" | "5865800" | "6059770" | "6168570" | "6190393" | "6224610" | "6679903").PN.	USPAT	OR	OFF	2006/05/08 16:50
S19	3823	catheter same valve and ("guide wire" or "guidewire")	US-PGPUB; USPAT	OR	OFF	2006/05/08 17:23
S20	18	S19 and "intravascular filter"	US-PGPUB; USPAT	OR	OFF	2006/05/08 17:23
S21	208	("guidewire" or "guide wire") with stop with catheter	US-PGPUB; USPAT	OR	OFF	2006/05/08 17:27

S22	67	S21 and filter	US-PGPUB; USPAT	OR	OFF	2006/05/08 17:29
S23	1	("6080170").PN.	USPAT; USOCR	OR	OFF	2006/05/08 17:54
S24	1	("5549580").PN.	USPAT; USOCR	OR	OFF	2006/05/08 17:55
S25	1	("6080170").PN.	USPAT; USOCR	OR	OFF	2006/05/08 17:55
S26	1024	(604/96.01).CCLS.	USPAT; USOCR	OR	OFF	2006/05/09 09:29
S27	873	S26 and catheter	US-PGPUB; USPAT	OR	OFF	2006/05/09 10:48
S28	721	(604/246).CCLS.	USPAT; USOCR	OR	OFF	2006/05/09 10:48
S29	235	S28 and catheter	US-PGPUB; USPAT	OR	OFF	2006/05/09 10:55
S30	523	(604/247).CCLS.	USPAT; USOCR	OR	OFF	2006/05/09 10:56
S31	290	S30 and catheter	US-PGPUB; USPAT	OR	OFF	2006/05/09 11:06
S32	429	(604/249).CCLS.	USPAT; USOCR	OR	OFF	2006/05/09 11:06
S33	129	S32 and catheter	US-PGPUB; USPAT	OR	OFF	2006/05/09 11:10
S34	706	(604/256).CCLS.	USPAT; USOCR	OR	OFF	2006/05/09 11:10
S35	371	S34 and catheter	US-PGPUB; USPAT	OR	OFF	2006/05/09 11:13
S36	1606	(604/264).CCLS.	USPAT; USOCR	OR	OFF	2006/05/09 11:13
S37	1014	S36 and catheter	US-PGPUB; USPAT	OR	OFF	2006/05/09 11:27
S38	1107	(604/523).CCLS.	USPAT; USOCR	OR	OFF	2006/05/09 11:27
S39	8	("2548602" | "3417745" | "3809072" | "3913565" | "4148319" | "4176662").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/09 12:53
S40	18	("4738659").URPN.	USPAT	OR	OFF	2006/05/09 12:55
S41	11	("3605750" | "3635223" | "3865666" | "4003369" | "4207900" | "4239042" | "4280500" | "4350169" | "4385635" | "4419095").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/09 13:04

S42	112	("4531943").URPN.	USPAT	OR	OFF	2006/05/09 13:14
S43	215	(604/537).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/09 13:16
S44	28	(604/912).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/09 13:17
S45	287	(604/915).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/09 13:17
S46	215	S45 and catheter	USPAT	OR	OFF	2006/05/09 13:24
S47	1	("4531943").PN.	USPAT; USOCR	OR	OFF	2006/05/09 13:24
S48	1	("4738659").PN.	USPAT; USOCR	OR	OFF	2006/05/09 13:24
S49	652	("guidewire" or "guide wire") with stop	US-PGPUB; USPAT	OR	OFF	2006/09/25 17:28
S50	1	("20060142697").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/22 15:13
S51	65	("20010012918" | "4427014" | "4662371" | "4740195" | "4760131" | "4790311" | "4836205" | "4896671" | "4976710" | "5047026" | "5093877" | "5217458" | "5261889" | "5287861" | "5352198" | "5358485" | "5364393" | "5370675" | "5380316" | "5389096" | "5403311" | "5431649" | "5471992" | "5522815" | "5551427" | "5569462" | "5591159" | "5593405" | "5607405" | "5620414" | "5672174" | "5681308" | "5683366" | "5697882" | "5700259" | "5713894" | "5715832" | "5725521" | "5725523" | "5810836" | "5823971" | "5871495" | "5935119" | "5938632" | "5957900" | "6039727" | "6042581" | "6045565" | "6053877" | "6053911" | "6053924" | "6056742" | "6056743" | "6093185" | "6102926" | "6142957" | "6156029" |	US-PGPUB; USPAT	OR	OFF	2006/10/22 15:13

		"6217554" | "6238406" | "6350914" | "6363938" | "6506789" | "6547761" | "6582400" | "6673060"). PN.				
S52	48	("20010012918" | "4760131" | "4790311" | "4896671" | "4976710" | "5047026" | "5093877" | "5261889" | "5287861" | "5358485" | "5364393" | "5370675" | "5380316" | "5389096" | "5403311" | "5431649" | "5522815" | "5551427" | "5569462" | "5591159" | "5593405" | "5607405" | "5620414" | "5672174" | "5681308" | "5683366" | "5697882" | "5700259" | "5713894" | "5725521" | "5725523" | "5810836" | "5871495" | "5935119" | "5938632" | "6039727" | "6042581" | "6045565" | "6053911" | "6053924" | "6056742" | "6056743" | "6093185" | "6102926" | "6156029" | "6217554" | "6238406" | "6363938").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/22 15:13
S53	58	("5364393").URPN.	USPAT	OR	OFF	2006/10/22 15:14
S54	25	("4762130" | "4998933" | "5019042" | "5047026" | "5178618" | "5178620" | "5179961" | "5300068" | "5320605" | "5364393" | "5366443" | "5368566" | "5368591" | "5419767" | "5496311" | "5501227" | "5540659" | "5549551" | "5626576" | "5643171" | "5716389" | "5797948" | "5895400" | "6081738" | "6217549").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/22 15:16
S55	1	("6562031").URPN.	USPAT	OR	OFF	2006/10/22 15:31
S56	1	("4813934").PN.	USPAT; USOCR	OR	OFF	2006/10/22 15:31
S57	103	("4813934").URPN.	USPAT	OR	OFF	2006/10/22 15:32

S58	31	("3923065" | "4471779" | "4606347" | "4641654" | "4739768" | "4813934" | "4983166" | "5085636" | "5116317" | "5171221" | "5304198" | "5314443" | "5320604" | "5324259" | "5324269" | "5356388" | "5368567" | "5370615" | "5413581" | "5415636" | "5431639" | "5437632" | "5439446" | "5458615" | "5486195" | "5533987" | "5538513" | "5637086" | "5688237" | "5700243" | "6440097").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/22 15:54
S59	61	("5171221").URPN.	USPAT	OR	OFF	2006/10/22 15:57
S60	23	("3174851" | "3351463" | "3753700" | "4646742" | "4813934" | "4848344" | "5035705" | "5135494" | "5171221" | "5207229" | "5250034" | "5267979" | "5304198" | "5318535" | "5320604" | "5380282" | "5380307" | "5437632" | "5454788" | "5484409" | "Re34633").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/22 16:04
S61	11	("6017323").URPN.	USPAT	OR	OFF	2006/10/22 16:07
S62	103	("4813934").URPN.	USPAT	OR	OFF	2006/10/22 16:21
S63	8	("3402717" | "3460541" | "3548805" | "4276874" | "4315512").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/22 16:24
S64	5796	catheter and crystalline	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/22 16:25
S65	22	catheter and (tip with crystalline)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/22 17:15

S66	29	(("5769819") or ("5364393") or ("6562031") or ("6638243") or ("5171221") or ("6517515") or ("6017323") or ("5380307") or ("5171221") or ("4813934") or ("20060142697") or ("6017323") or ("6071273") or ("6589206") or ("6533751") or ("20030125751") or ("20040039405") or ("20050288705") or ("20050010247") or ("20050033292") or ("20050038470") or ("20050059890") or ("20050113902") or ("20050251048") or ("20050267415") or ("20060015065") or ("6843797") or ("20040039405") or ("5549580") or ("4738659") or ("4531943") or ("6080170")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/22 17:18
S67	0	("2004/0039405").URPN.	USPAT	OR	OFF	2006/10/22 17:30
S68	0	("2003/0125751").URPN.	USPAT	OR	OFF	2006/10/22 17:36
S69	11	("4739768" | "5304198" | "5318529" | "5348537" | "5425723" | "5823198" | "5873865" | "5888436" | "5951494" | "6179809" | "6312374").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/22 17:40
S70	1	("6533751").URPN.	USPAT	OR	OFF	2006/10/22 17:42

S71	23	("3174851" | "3351463" | "3753700" | "4646742" | "4813934" | "4848344" | "5035705" | "5135494" | "5171221" | "5207229" | "5250034" | "5267979" | "5304198" | "5318535" | "5320604" | "5380282" | "5380307" | "5437632" | "5454788" | "5484409" | "Re34633").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/22 17:47
S72	38	("5454788").URPN.	USPAT	OR	OFF	2006/10/22 17:53
S73	38	("5454788").URPN.	USPAT	OR	OFF	2006/10/22 18:00
S74	19	("4307722" | "4413989" | "4636195" | "4994018" | "4994033" | "5002532" | "5045061" | "5049132" | "5102390" | "5129883" | "5135487" | "5135494" | "5163906" | "5171221" | "5171222" | "5192295" | "5364354" | "5387225" | "5397305").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/22 18:00
S75	30	("3973556" | "4577637" | "4669465" | "4676249" | "4715378" | "4771778" | "4784636" | "4846186" | "4955862" | "5002559" | "5095915" | "5102403" | "5108407" | "5120323" | "5129890" | "5156595" | "5226421" | "5242394" | "5269793" | "5279561" | "5300025" | "5312340" | "5318529" | "5318587" | "5387225" | "5409470" | "5423771" | "5441484" | "5443907" | "Re33166").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/22 18:08
S76	6	("5549580").URPN.	USPAT	OR	OFF	2006/10/22 18:10
S77	8	("2548602" | "3417745" | "3809072" | "3913565" | "4148319" | "4176662").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/22 18:11
S78	18	("4738659").URPN.	USPAT	OR	OFF	2006/10/22 18:11

S79	11	("3605750" | "3635223" | "3865666" | "4003369" | "4207900" | "4239042" | "4280500" | "4350169" | "4385635" | "4419095").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/22 18:13
S80	116	("4531943").URPN.	USPAT	OR	OFF	2006/10/22 18:15
S81	1	("4531943").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/27 14:03
S82	117	("4531943").URPN.	USPAT	OR	OFF	2006/10/27 14:03
S83	49	("4531512" | "4531943" | "4540404" | "4649922" | "4739769" | "4817613" | "4863442" | "4886506" | "4892519" | "4893623" | "4921483" | "4950227" | "4960410" | "4994018" | "5017259" | "5026377" | "5041093" | "5078702" | "5089005" | "5108416" | "5201757" | "5201901" | "5221270" | "5234416" | "5240537" | "5290295" | "5318032" | "5342386" | "5370615" | "5372600" | "5397345" | "5405380" | "5415664" | "5425712" | "5453090" | "5480423" | "5484444" | "5496294" | "5643209" | "5690644" | "5695499" | "5728063" | "5769819" | "5769821" | "5827225" | "5851464" | "5919204" | "6068635" | "6322586").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/27 14:13
S84	0	("6790221").URPN.	USPAT	OR	OFF	2006/10/27 15:15
S85	562	catheter and (("guidewire" or "guide wire") with stop)	US-PGPUB; USPAT	OR	OFF	2006/10/27 15:17
S86	208	catheter and (("guidewire" or "guide wire") with stop) and ((rigid or stiff or hard or metal) with (tip or end))	US-PGPUB; USPAT	OR	OFF	2006/10/27 15:17
S87	18	("4890626").URPN.	USPAT	OR	OFF	2006/10/27 16:18

S88	1	("20030125751").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/27 16:56
S89	2	(("5316706") or ("5769819")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/27 16:57
S90	21	("5316706").URPN.	USPAT	OR	OFF	2006/10/27 17:21
S91	0	S90 and crstal$6	USPAT	OR	OFF	2006/10/27 17:21
S92	47	(("5915973") or ("5204813") or ("5195033") or ("6317700") or ("6431875") or ("5632624") or ("5259623") or ("4852570") or ("5954369") or ("4541806") or ("4815766") or ("6210171") or ("6181910") or ("6381444") or ("6688889") or ("5794980") or ("4486180") or ("6589055") or ("6244713") or ("4982741") or ("5387952") or ("6074064") or ("5947747") or ("6195528") or ("4557607") or ("5779549") or ("6224486") or ("6292830") or ("5216923") or ("5668308") or ("3600828") or ("4539435") or ("4978305") or ("4550990") or ("4805632") or ("5502520") or ("6218428") or ("6253193") or ("6363488") or ("6389402") or ("6427140") or ("5427709") or ("4773860") or	USPAT; USOCR	OR	OFF	2007/04/16 15:12

		("7033182") or ("4941473") or ("5590057") or ("5799282")).PN.				
S93	611	catheter and (("guidewire" or "guide wire" or "guide- wire") with stop)	US-PGPUB; USPAT	OR	OFF	2007/04/16 15:22
S94	0	("2005/0187536").URPN.	USPAT	OR	OFF	2007/04/16 16:04
S95	99	(("4506680") or ("4769010") or ("4848352") or ("4920980") or ("4966588") or ("5578068") or ("6039699") or ("6280457") or ("4286585") or ("4813926") or ("4931049") or ("5423771") or ("5449369") or ("5488960") or ("5498250") or ("5626593") or ("5797961") or ("6366726") or ("6370406") or ("6416234") or ("20020138091") or ("4386606") or ("4325375") or ("4387711") or ("4534355") or ("4595012") or ("4867137") or ("4875481") or ("5366441") or ("5458630") or ("5487728") or ("5651373") or ("5690674") or ("5746692") or ("5895401") or ("5997506") or ("6132406") or ("6146814") or ("6210379") or ("6210379") or ("6235054") or ("6323232") or ("6339107") or ("6414018") or	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 13:48

("5431628") or
("5484565") or
("5681340") or
("5759151") or
("5299580") or
("5395353") or
("5497786") or
("5836926") or
("5908413") or
("5928193") or
("5980514") or
("6042578") or
("6096034") or
("6110164") or
("6120482") or
("4244370") or
("4249530") or
("4270535") or
("4301815") or
("4324262") or
("4379506") or
("4488561") or
("4547193") or
("4593691") or
("4606118") or
("4612939") or
("4613323") or
("4767416") or
("4784639") or
("4826485") or
("4871358") or
("4886500") or
("4889231") or
("4922926") or
("4936315") or
("4945895") or
("4959057") or
("4972848") or
("4991602") or
("5007409") or
("5025778") or
("5192290") or
("5193525") or
("5195968") or
("5195993") or
("5207648") or
("5209735") or
("5232442") or
("5254088") or
("5304141") or
("5318560") or
("5327881") or
("5328368") or
("5336182") or

		("5339805") or ("5339833")).PN.				
S96	285	("1922084" | "3058473" | "3674014" | "3911927" | "3913565" | "4054128" | "4085185" | "4111190" | "4195637" | "4211233" | "4249536" | "4251305" | "4307722" | "4323071" | "4385635" | "4413989" | "4425919" | "4531512" | "4531936" | "4531943" | "4540404" | "4543087" | "4543089" | "4551292" | "4571240" | "4577631" | "4588399" | "4592340" | "4596563" | "4601706" | "4636272" | "4636346" | "4646719" | "4649922" | "4676229" | "4702252" | "4706670" | "4739768" | "4739769" | "4748982" | "4753765" | "4759748" | "4764324" | "4782834" | "4787388" | "4798586" | "4808164" | "4817613" | "4819751" | "4820349" | "4863442" | "4877031" | "4884573" | "4884579" | "4886506" | "4892519" | "4893623" | "4898896" | "4906244" | "4909258" | "4917666" | "4917667" | "4921483" | "4927412" | "4943277" | "4943278" | "4950227" | "4950239" | "4955377" | "4955862" | "4960410" | "4964409" | "4964853" | "4976720" | "4985014" | "4994018" | "4994032" | "4998923" | "5002559" | "5011469" | "5015232" | "5017259" | "5021045" | "5026377" | "5041093" | "5047045" | "5050606" | "5059177" | "5078702" | "5078727" | "5085635" | "5089005" | "5090960" | "5093546" | "5095915" | "5100381" | "5108416" | "5120308" | "5122115" | "5122125" | "5129883" | "5135474" | "5139496" | "5143093" |	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 13:59

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		"5554121" | "5554139" | "5558644" | "5565523" | "5569196" | "5569200" | "5569218" | "5571215" | "5573504" | "5584803" | "5605543" | "5643209" | "5645528" | "5649908" | "5690644" | "5695499" | "5697905" | "5702439" | "5716373" | "5725513" | "5728063" | "5728068" | "5743876" | "5769819" | "5769821" | "5827225" | "5843050" | "5851464" | "5891110" | "5919204" | "5944712" | "5948489" | "6048338" | "6068635" | "6322586" | "B14739768" | "RE33166").PN. OR ("2002/0091372" | "2002/0107506" | "5769819" | "5902254" | "6623504" | "6790221" | "6902545").URPN.					
S97	11	("3605750" | "3635223" | "3865666" | "4003369" | "4207900" | "4239042" | "4280500" | "4350169" | "4385635" | "4419095"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:37
S98	103	("3605750").URPN.	USPAT	OR	OFF	2007/04/18 11:38
S99	120	("4531943").URPN.	USPAT	OR	OFF	2007/04/18 12:10
S100	15	("4047532" | "4204328" | "4445509" | "4531943" | "4717387" | "4813926" | "4878900" | "5292310" | "5358507" | "5441496" | "5522826" | "5603710" | "5836926" | "5921998" | "6068641").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 12:28
S101	3	("6491670").URPN.	USPAT	OR	OFF	2007/04/18 12:40
S102	8187	catheter and ((tip or end) with (hard or rigid or stiff))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:00
S103	3595	S102 and ("guidewire" or "guide-wire" or "guide wire")	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:00

S104	2766	catheter with ((tip or end) with (hard or rigid or stiff))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 10:23
S105	1500	S104 and ("guidewire" or "guide-wire" or "guide wire")	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:01
S106	0	("2005/0187536").URPN.	USPAT	OR	OFF	2007/04/18 14:35
S107	22	(("20070060945") or ("20060069417") or ("20060009759") or ("20040167568") or ("6042578") or ("4324262") or ("20040039411") or ("20040039411") or ("20040039405") or ("20020091352") or ("6981972") or ("5842984") or ("20060224142") or ("20020026156") or ("20010027310") or ("6814718") or ("5989208") or ("re35330") or ("5542917") or ("5458573") or ("5312328") or ("5049138") or ("5026377")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 17:38
S108	5	(("20060224142") or ("20020026156") or ("6814718") or ("5989208") or ("5049138")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/19 14:31
S109	7	("3780740" | "4692152" | "4698056" | "4790310" | "4827940" | "4876126" | "4936835").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/19 16:05
S110	2	(("4531943") or ("6080170")).PN.	USPAT; USOCR	OR	OFF	2007/04/19 16:48
S111	1	("4531943").PN.	USPAT; USOCR	OR	OFF	2007/04/20 17:17
S112	1	("5316706").PN.	USPAT; USOCR	OR	OFF	2007/04/20 17:17
S113	1	("5989208").PN.	USPAT; USOCR	OR	OFF	2007/04/23 16:29

S114	1	("20060224142").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 17:38
S115	100	(("4140119") or ("4480641") or ("4793351") or ("4830023") or ("4834726") or ("4883468") or ("4934380") or ("4981466") or ("5024660") or ("5037386") or ("5038766") or ("5065769") or ("5137524") or ("5144955") or ("5176655") or ("5211683") or ("5217024") or ("5231996") or ("5267995") or ("5290295") or ("5303714") or ("5318040") or ("5318570") or ("5322508") or ("5336198") or ("5339805") or ("5342386") or ("5344420") or ("5346489") or ("5368035") or ("5429118") or ("5470331") or ("5531757") or ("5533980") or ("5546948") or ("5645580") or ("5672153") or ("5678296") or ("5688224") or ("5711335") or ("5720719") or ("5751341") or ("5769819") or ("5776140") or ("5810038") or ("5879287") or ("5906590") or ("5944179") or ("5947939") or ("5951525") or ("5964727") or	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/10 18:22

		("6004279") or ("6016811") or ("6027460") or ("6117151") or ("6139522") or ("6144866") or ("6156018") or ("6167291") or ("6171287") or ("6198952") or ("6228049") or ("6277122") or ("6331182") or ("6346086") or ("6361530") or ("6440097") or ("6478800") or ("6506179") or ("6520988") or ("6526302") or ("6540745") or ("6572592") or ("6589234") or ("6591472") or ("6602250") or ("6613002") or ("6623449") or ("6656166") or ("6712759") or ("6725492") or ("6733500") or ("6745998") or ("6755841") or ("6796968") or ("6866655") or ("6866670") or ("6884225") or ("6894204") or ("6901289") or ("6920662") or ("6922579") or ("6955173") or ("6958044") or ("6968237") or ("6999809") or ("7001369") or ("7018384") or ("7022088") or ("7022102")).PN.				
S116	3	(("20030125751") or ("4531943") or ("5316706")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/11 19:07

S117	11	("3605750" | "3635223" | "3865666" | "4003369" | "4207900" | "4239042" | "4280500" | "4350169" | "4385635" | "4419095"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/11 17:39
S118	104	("3605750").URPN.	USPAT	OR	OFF	2007/10/11 17:41
S119	14	("3605750" | "3890976" | "4022500" | "4044765" | "4263236" | "4361152" | "4385635" | "4419095" | "4531943" | "4551292" | "4563181" | "4636272" | "4886506").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/11 17:48
S120	5	("2972779" | "4459255" | "T872012").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/11 17:49
S121	101	("4551292").URPN.	USPAT	OR	OFF	2007/10/11 17:49
S122	15	("4385635" | "4531943" | "4551292" | "5009659" | "5026377" | "5088991" | "5240537" | "5425712" | "5484444" | "5509910" | "5591172" | "5628755" | "5653684" | "5662703" | "5891110").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/11 17:55
S123	1	("6149996").URPN.	USPAT	OR	OFF	2007/10/11 17:57
S124	5	("2972779" | "4459255" | "T872012").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/11 18:05
S125	101	("4551292").URPN.	USPAT	OR	OFF	2007/10/11 18:05
S126	11	("3605750" | "3635223" | "3865666" | "4003369" | "4207900" | "4239042" | "4280500" | "4350169" | "4385635" | "4419095"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/11 18:05
S127	120	("4531943").URPN.	USPAT	OR	OFF	2007/10/11 18:07

S128	32	("20020133127" | "20030181922" | "4531943" | "4611594" | "4790812" | "4873978" | "4927426" | "4938220" | "5092839" | "5102415" | "5108406" | "5171233" | "5203773" | "5234425" | "5234437" | "5256150" | "5312417" | "5330444" | "5423851" | "5549626" | "5685320" | "5707359" | "5868753" | "5908435" | "6015423" | "6130406" | "6156055" | "6187017" | "6350271" | "6383195" | "6440120" | "6508966").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/11 18:09
S129	39	("5017259").URPN.	USPAT	OR	OFF	2007/10/11 18:27
S130	120	("4531943").URPN.	USPAT	OR	OFF	2007/10/11 18:31
S131	3	(("6447488") or ("5913848") or ("7211067")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/11 19:07
S132	2868	catheter with ((tip or end) with (hard or rigid or stiff))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 10:24
S133	1689	S132 and (deform$4 or bend$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 10:24
S134	0	("2005/0187536").URPN.	USPAT	OR	OFF	2007/10/12 16:25
S135	2	("2003/0009129").URPN.	USPAT	OR	OFF	2007/10/13 14:28
S136	11	("2002/0002329").URPN.	USPAT	OR	OFF	2007/10/13 14:45
S137	2	("5324284" | "5476495").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/13 15:18
S138	28	("6430426").URPN.	USPAT	OR	OFF	2007/10/13 15:19
S139	11	("4739768" | "4782834" | "4813934" | "4976720" | "5047045" | "5100381" | "5102415" | "5171221" | "5188635" | "5192290" | "5437632").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/13 16:01

S140	4	("3402717" | "4654025" | "4813934").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/13 16:02
S141	64	("5171221").URPN.	USPAT	OR	OFF	2007/10/13 16:04
S142	23	("3174851" | "3351463" | "3753700" | "4646742" | "4813934" | "4848344" | "5035705" | "5135494" | "5171221" | "5207229" | "5250034" | "5267979" | "5304198" | "5318535" | "5320604" | "5380282" | "5380307" | "5437632" | "5454788" | "5484409" | "Re34633").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/13 16:13
S143	16	("6017323").URPN.	USPAT	OR	OFF	2007/10/13 16:17
S144	71	("0561059" | "1248492" | "3225762" | "3352306" | "3454006" | "3463152" | "3630195" | "3834380" | "4194504" | "4249541" | "4270835" | "4327722" | "4353369" | "4392856" | "4431426" | "4439583" | "4525157" | "4529399" | "4549879" | "4559046" | "4588398" | "4627841" | "4668225" | "4671795" | "4671796" | "4680029" | "4690675" | "4701166" | "4728322" | "4769016" | "4770655" | "4772264" | "4772276" | "4773901" | "4798597" | "4828549" | "4846799" | "4846812" | "4863432" | "4887998" | "4895564" | "4898591" | "4911691" | "4917671" | "4927415" | "4944728" | "4950252" | "4955863" | "4976704" | "4986814" | "4994046" | "4998919" | "5002533" | "5026353" | "5034005" | "5037402" | "5047018" | "5112312" | "5120317" | "5135502" | "5147332" | "5205829" | "5273540" | "5401257" | "5423764").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/13 16:34

S145	22	("5533988").URPN.	USPAT	OR	OFF	2007/10/13 19:30
S146	3	(("5533988") or ("5989208") or ("20040122415")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/13 19:49
S147	1	("20030125751").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/13 19:49
S148	2	(("4531943") or ("5316706")).PN.	USPAT; USOCR	OR	OFF	2007/10/14 17:24
S149	1	("5989208").PN.	USPAT; USOCR	OR	OFF	2007/10/14 17:24
S150	4	(("6726712") or ("7208002") or ("6929635") or ("6149680")).PN.	USPAT; USOCR	OR	OFF	2008/05/05 12:27
S151	1	("5316706").PN.	USPAT; USOCR	OR	OFF	2008/05/05 12:43
S152	0	("2005/0187536").URPN.	USPAT	OR	OFF	2008/05/05 12:56
S153	809	catheter and (crystal$4 with (tip or end$3))	US-PGPUB; USPAT	OR	OFF	2008/05/05 13:00
S154	58	S153 and (amorphous with polymer)	US-PGPUB; USPAT	OR	OFF	2008/05/05 13:01
S155	1	(("5316706") or ("5316706")).PN.	USPAT; USOCR	OR	OFF	2008/12/16 18:51
S156	2	(("5316706") or ("4531943")).PN.	USPAT; USOCR	OR	OFF	2008/12/16 18:51
S157	1	("6929635").PN.	USPAT; USOCR	OR	OFF	2008/12/17 11:18
S158	296	catheter with ((guidewire or guide-wire) with stop $4)	US-PGPUB; USPAT	OR	ON	2008/12/17 11:24
S159	0	("2005/0187536").URPN.	USPAT	OR	OFF	2008/12/17 11:32
S160	4	(("4531943") or ("4738659") or ("6080170") or ("20030125751") or ("5316706")).PN.	USPAT; USOCR	OR	OFF	2008/12/17 11:54
S161	5	(("4531943") or ("4738659") or ("6080170") or ("20030125751") or ("5316706")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/17 11:55

S162	3384	((604/523) or (604/524) or (604/525) or (604/526) or (604/527) or (604/528) or (604/529) or (604/530) or (604/531)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/16 18:03
S163	86	S162 and (invert$4)	US-PGPUB; USPAT	OR	OFF	2009/07/16 18:03
S164	100	(("4140119") or ("4480641") or ("4793351") or ("4830023") or ("4834726") or ("4883468") or ("4934380") or ("4981466") or ("5024660") or ("5037386") or ("5038766") or ("5065769") or ("5137524") or ("5144955") or ("5176655") or ("5211683") or ("5217024") or ("5231996") or ("5267995") or ("5290295") or ("5303714") or ("5318040") or ("5318570") or ("5322508") or ("5336198") or ("5339805") or ("5342386") or ("5344420") or ("5346489") or ("5368035") or ("5429118") or ("5470331") or ("5531757") or ("5533980") or ("5546948") or ("5645580") or ("5672153") or ("5678296") or ("5688224") or ("5711335") or ("5720719") or ("5751341") or ("5769819") or ("5776140") or ("5810038") or ("5879287") or	USPAT; USOCR	OR	OFF	2009/07/16 18:12

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("6156018") or
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("6346086") or
("6361530") or
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("6478800") or
("6506179") or
("6520988") or
("6526302") or
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("6572592") or
("6589234") or
("6591472") or
("6602250") or
("6613002") or
("6623449") or
("6656166") or
("6712759") or
("6725492") or
("6733500") or
("6745998") or
("6755841") or
("6796968") or
("6866655") or
("6866670") or
("6884225") or
("6894204") or
("6901289") or
("6920662") or
("6922579") or
("6955173") or
("6958044") or
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("6999809") or
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("7018384") or
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| S165 | 93 | (("4506680") or ("4769010") or ("4848352") or ("4920980") or ("4966588") or ("5578068") or ("6039699") or ("6280457") or ("20080082051") or ("4286585") or ("4813926") or ("4931049") or ("5423771") or ("5449369") or ("5488960") or ("5498250") or ("5626593") or ("5797961") or ("6366726") or ("6370406") or ("6416234") or ("20020138091") or ("20070255172") or ("20080064984") or ("4386606") or ("4325375") or ("4387711") or ("4534355") or ("4595012") or ("4867137") or ("4875481") or ("5366441") or ("5458630") or ("5487728") or ("5651373") or ("5690674") or ("5746692") or ("5895401") or ("5997506") or ("6132406") or ("6146814") or ("6210379") or ("6210379") or ("6235054") or ("6323232") or ("6339107") or ("6414018") or ("20070185504") or ("20080183080") or ("5431628") or ("5484565") or ("5681340") or ("5759151") or ("5299580") or | USPAT; USOCR | OR | OFF | 2009/07/16 18:16 |

		("5395353") or ("5497786") or ("5836926") or ("5908413") or ("5928193") or ("5980514") or ("6042578") or ("6096034") or ("6110164") or ("6120482") or ("4244370") or ("4249530") or ("4270535") or ("4301815") or ("4324262") or ("4379506") or ("4488561") or ("4547193") or ("4593691") or ("4606118") or ("4612939") or ("4613323") or ("4767416") or ("4784639") or ("4826485") or ("4871358") or ("4886500") or ("4889231") or ("4922926") or ("4936315") or ("4945895") or ("4959057") or ("4972848") or ("4991602") or ("5007409") or ("5025778") or ("5192290") or ("5193525") or ("5195968") or ("5195993") or ("5207648") or ("5209735") or ("5232442") or ("5254088") or ("5304141") or ("5318560")).PN.				
S166	2	(("20030125751") or ("5316706")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/16 18:23
S167	2	(("20030125751") or ("5316706")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/13 13:08

S168	12	(("20040015138") or ("6679903") or ("6224610") or ("6190393") or ("6168570") or ("6059770") or ("5865800") or ("5860963") or ("5827225") or ("5772669") or ("5766160") or ("5078702")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/13 13:33
S169	2	(("5643209") or ("5549580")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/13 13:35
S170	1	("6929635").PN.	USPAT; USOCR	OR	OFF	2009/10/13 15:26
S171	1	("20050187536").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/27 22:11
S172	3	(("20030125751") or ("5316706") or ("4531943")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/27 22:19
S173	665	catheter with invert$4	US-PGPUB; USPAT	OR	OFF	2010/08/11 10:36
S174	2	("3260462").PN.	USPAT; USOCR	OR	OFF	2010/08/11 10:40
S175	240	(catheter) and ((guide$4 or guidewire or guide-wire) with (stop)) and invert$4	US-PGPUB; USPAT	OR	OFF	2010/08/11 12:57
S176	257	(catheter) and ((guide$4 or guidewire or guide-wire) with (stop)) and invert$4	US-PGPUB; USPAT	OR	ON	2010/08/11 12:57
S177	1	("2005/0187536").URPN.	USPAT	OR	OFF	2010/08/11 13:05
S178	3	(("20030125751") or ("5316706") or ("4531943")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/11 13:32

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